

Notice of Allowability

Application No.

10/065,771

Examiner

Jared J. Fureman

Applicant(s)

MAMBAKKAM ET AL.

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 5/12/2005.
2. ☒ The allowed claim(s) is/are 1-6,8-15 and 17-21.
3. ☒ The drawings filed on 12 November 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Receipt is acknowledged of the amendment, on 5/12/2005, which has been entered in the file. Claims 1-6, 8-15 and 17-21 are pending.

Allowable Subject Matter

1. Claims 1-6, 8-15 and 17-21 have been allowed over the prior art of record.
2. The following is an examiner's statement of reasons for allowance: The prior art of record, taken alone or in combination, fails to teach or fairly suggest: an apparatus, system and method wherein the memory card of the first type and a memory card of the second type are accessible in parallel to transfer data from the memory card of the first type to the memory card of the second type; in combination with the other claimed limitations as set forth in the claims.

While Takase et al (US 6,381,513 B1) teaches reading, erasing and writing to a plurality of memory cards in parallel (see column 13, lines 9-12, of Takase et al) and Young et al (US 5,680,579) teaches writing and reading data to and from a plurality of memory cards in parallel (see column 6, line 64 - column 7, line 10), neither reference teaches memory cards of a first type and second type being accessible in parallel to transfer data from the memory card of the first type to the memory card of the second type. In both Takase et al and Young et al, the data being written to the memory cards does not come from another memory card, but rather comes from another source. Also see applicant's arguments regarding Takase et al, filed 5/12/2005, pages 6-7).

Pua et al (US 2002/0178307 A1) teaches card interfaces for interfacing with cards of different types, but fails to teach memory cards of a first type and second type

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being accessible in parallel and the transfer data from the memory card of the first type to the memory card of the second type (also see applicant's arguments regarding Pua et al, page 5 of the amendment filed on 11/26/2004 and pages 6-7 of the amendment filed 5/12/2005).

Itou et al (US 6,010,066) teaches transferring data from a first memory card to a second memory card (see column 1, lines 57-62, and column 2, lines 9-14). However, Itou et al fails to teach or suggest that the first memory card and the second memory card are different types or are accessible in parallel. Since the transfer of data from a first memory card to a second memory card necessarily includes reading data from the first memory card and then writing the data to the second memory card, the examiner believes that this suggests accessing the first and second memory cards serially, rather than in parallel.

It is also noted that applicants have made a distinction between the memory cards being connected in parallel and the memory cards being accessible in parallel. As applicants have stated, the fact that interfaces are connected in parallel does not mean that access to the interfaces occurs in parallel (see page 7 of the amendment filed on 5/3/2004).

Therefore, without the benefit of applicant's teachings, there is no motivation for one of ordinary skill in the art at the time of the invention to combine the teachings of the prior art in a manner so as to create the claimed invention.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Mambakkam et al (US 6,859,369 B2) teaches smartuniversal memory card adapters. Young et al (US 5,680,579) teaches writing and reading data to and from a plurality of memory cards in parallel (see column 6, line 64 - column 7, line 10).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jared J. Fureman whose telephone number is (571) 272-2391. The examiner can normally be reached on 7:00 am - 4:30 PM M-T, and every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on (571) 272-2398. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Jared J. Fureman
Jared J. Fureman
Primary Examiner
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